(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 15 September 2005 (15.09.2005)

PCT

(10) International Publication Number WO 2005/085713 A1

(51) International Patent Classification⁷: F24H 3/04

F24C 7/06,

(21) International Application Number:

PCT/SE2005/000310

(22) International Filing Date: 2 March 2005 (02.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

04004971.0 3 March 2004 (03.03.2004) El

- (71) Applicant (for all designated States except US): FERGAS AB [SE/SE]; Harstenagatan 2, S-582 73 Linköping (SE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): KARLSSON, Hans [SE/SE]; Repslagaregatan 12, S-582 22 Linköping (SE). WALLMAN, Rikard [SE/SE]; Kapellplan 3, S-582 28 Linköping (SE).
- (74) Agent: AWAPATENT AB; Platensgatan 9 C, S-582 20 Linköping (SE).

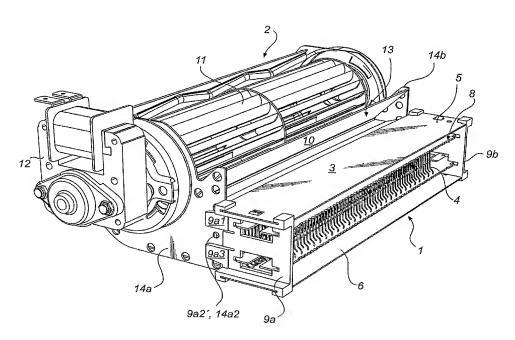
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A HEATER, A HEATING ELEMENT AND A BLOWER FAN



(57) Abstract: A heater for an electrical fireplace comprises a heating element (1) and a blower fan (2), the blower fan (2) being releasably attached to the heating element (1). Interacting members (9a1-3, 9a2', 9b1-3, 9bl', 9b3', 14a1-3, 14b1) are provided on the heating element (1) and on the blower fan (2), which members (9a1-3, 9a2', 9b1-3, 9bl', 9b3', 14a1-3, 14b1) are designed to be, engaged with one another to hold the heating element (1) in position relative the blower fan (2).

